



7-23-04

IFW

Attorney's Docket No. 046361/265059

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | | |
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| In re: | Nause, et al. | Confirmation No.: 9988 |
| Appl. No.: | 10/602,185 | Group Art Unit: 1765 |
| Filed: | June 23, 2003 | Examiner: |
| For: | SEMI-INSULATING BULK ZINC OXIDE SINGLE CRYSTAL | |

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.97(c)**

Sir:

Attached is a list of documents on form PTO-1449 together with copies of each identified document. It is requested that the Examiner consider these documents and officially make them of record in accordance with the provisions of 37 C.F.R. § 1.97 and Section 609 of the MPEP. By submitting the listed documents, Applicant in no way makes any admission as to the prior art status of the listed documents, but is instead submitting the listed documents for the sake of full disclosure.

This Information Disclosure Statement is submitted in accordance with 37 C.F.R. § 1.97(c), before final Office Action or Allowance, whichever is earlier. Accordingly, no fee is believed to be necessary with the filing of this paper. However, if a fee is deemed necessary in connection with filing this paper, the Commissioner is authorized to charge any additional fee, or credit any refund, to our Deposit Account No. 16-0605.

Respectfully submitted,

Jon J. Jurgovan
Registration No. 34,633

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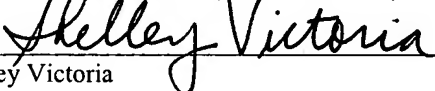
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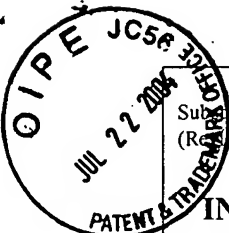
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

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|------------------------|---------------|
| Application Number | 10/602,185 |
| Filing Date | June 23, 2003 |
| First Named Inventor | Nause |
| Group Art Unit | 1765 |
| Examiner Name | |
| Attorney Docket Number | 046361/265059 |

U. S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. | Document Number Number - Kind Code (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear |
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FOREIGN PATENT DOCUMENTS

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OTHER DOCUMENTS

| Examiner Initials | Cite No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | English Language Translation Attached |
|----------------------|-------------|---|--|
| | 1 | Y. LIU, C.R. GORLA, S. LIANG, N. EMANETOGLU, Y. LU, H. SHEN, AND M. WRABACK, "Ultraviolet Detectors Based On Epitaxial ZnO Films Grown by MOCVD," Journal of Electronic Materials, Vol. 29, No. 1, 2000, May 11, 1999, pgs. 69-74, Adelphi, Maryland | |
| | 2 | M. JOSEPH, H. TABATA, H. SAEKI, K. UEDA, T. KAWAI, "Fabrication of the low-resistive p-type ZnO by codoping method," Physica B 302-303 (2001) pgs. 140-148, Osaka, Japan | |
| | 3 | JIN-BOCK LEE, HYE-JUNG LEE, SOO-HYUNG SEO, JIN-SEOK PARK, "Characterization of undoped and Cu-doped ZnO Films for surface acoustic wave applications," Thin Solid Films 398-399 (2001) pgs. 641-646, Ansan, South Korea | |
| | 4 | V.A. NIKITENKO, "Luminescence and EPR of Zinc Oxide (Review)," Moscow Institute of Railway Engineers, Moscow, Russia, Vol. 57 Nos. 5-6 ppgs. 367-385, May 18, 1992. | |

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|-----------------------|--|--------------------|--|
| Examiner Signature | | Date Considered | |
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*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.